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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE
INSECTICIDE DIVISION

Patent List No. 46

A LIST OF
UNITED STATES PATENTS

Issued from 1917 to 1933 inclusive

relating to

MOTHPROOF GARMENT BAGS AND CHESTS AND OTHER DEVICES
FOR COMBATTING CLOTHES MOTHS

Compiled by

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Washington, D.C.
April, 1935

A LIST OF UNITED STATES PATENTS ISSUED FROM 1917 to 1933, INCLUSIVE,
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R. C. Roark

Insecticide Division, Bureau of Entomology and Plant Quarantine.

The 149 patents of this list describe cedar chests, mothproof garment bags, containers for moth balls, paradichlorobenzene or other fumigants, insect-repellent wall board and plaster, disinfectant holders, mothproof garment hangers, mothproof cabinets or wardrobes, disinfectant evaporators, etc., intended for killing or repelling insects that attack clothing.

Every effort has been made by the compiler to make this list of patents complete and no discrimination is intended against any patent mention of which is inadvertently omitted.

The Department of Agriculture assumes no responsibility for the merits or workableness of any of the patents, nor does it recommend any of the inventions listed.

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Re. 15,588 (May 1, 1923; appl. June 22, 1922; original 1,344,318; issued June 22, 1920; appl. Aug. 18, 1919). SUPPORT FOR MOTH-REPELLENT HOLDERS. - Samuel H. Bishop and John Q. Slye, Washington, D. C. - This moth-repellent container is designed to be attached to the tuning pins of a piano. The moth repellent may be moth balls (naphthalene) or camphor.

Re. 17,118 (Oct. 30, 1928; appl. Aug. 17, 1927; original 1,581,535 issued April 20, 1926; appl. August 17, 1927). RUG BAG. Gertrude V. G. Granger, Savannah, Ga. - Moth-proof Rug Bag Company, Chatham County, Ga. - A mothproof bag for the storage of rugs is described.

Re. 18,504 (June 28, 1932; appl. Apr. 27, 1932; original 1,803,238 issued April 28, 1931; appl. Aug. 17, 1928). INSECTICIDE AND DEODORIZING TABLET. - Francis J. Curran, Chicago, Ill. - This insecticide and deodorizing tablet is made by repeatedly dipping a board, made of absorbent material similar to blotting paper, into a mixture of substances, mainly naphthalene, which is tinted and perfumed.

Re. 18,799 (Apr. 18, 1933; appl. Sept. 17, 1932; original 1,805,877 issued May 19, 1931; appl. July 29, 1929). CLOTHES BAG. Abraham J. Lichtig, Oakland, Calif. - A mothproof clothes bag is formed of flexible material in which an aromatic fumigant material is embodied. Cedar wood and oil are used in the construction.

1,214,149 (Jan. 30, 1917; appl. Aug. 11, 1916). FUMIGATING DEVICE. Daniel Fraad, Brooklyn, N. Y. - A device is described, arranged to be operated by the movement of a door or other moving object, whereby a deodorizing or disinfecting fluid can be expelled from or agitated in a container so as to diffuse or spray the said fluid in an effective manner to provide a thorough disinfection.

1,214,803 (Feb. 6, 1917; appl. Apr. 27, 1916). WALL-BOARD. Ralph C. Lowary, Buffalo, N. Y. - Beaver Company, Buffalo, N. Y. - A wall board is made repellent to moths and other vermin by applying to one or preferably both faces of the board a coating of paint to which has been added 15 to 30 percent of an oil known to the trade as oil of cedar and consisting essentially of cedar wood oil.

1,215,868 (Feb. 13, 1917; appl. Feb. 14, 1916). CLOTHES-BAG. Leo Rosenfeld, Philadelphia, Pa. - This mothproof garment bag is made of a single sheet of paper or other flexible material.

1,216,684 (Feb. 20, 1917; appl. Aug. 9, 1915). GARMENT-PROTECTOR. Thomas Hans, Anderson, Ind. - Mid-West Box Company, Anderson, Ind. - A moth proof paper garment bag is described.

1,229,890 (June 12, 1917; appl. June 3, 1916). GARMENT-PROTECTOR. Claude A. Conover, Newburgh, N. Y. - A mothproof garment bag is described.

1,239,584 (Sept. 11, 1917; appl. Jan. 4, 1916). DISINFECTING AND VENTILATING DEVICE. Felix Frank, Berkeley, Calif. - A disinfectant holder is intended for use in disinfecting and purifying the atmosphere in closures such as hats and other garments or the mouth pieces or receivers of telephones and like instruments.

1,248,181 (Nov. 27, 1917; appl. Apr. 27, 1916). WALL-BOARD. Benjamin W. Sidwell, Jr., Buffalo, N. Y. - Beaver Company, Buffalo, N. Y. - A wall board suitable for use in lining chicken houses, stables, dairy barns and the like is impregnated with a verminrepellent. Both faces of the board are treated with a material consisting of creosote material, 50 parts by volume, and asphaltum thinned with naphtha to 30 to 35° Be, 50 parts by volume, to which has been added a caustic, e.g. caustic soda, in such quantity that it may unite with part, say 90 percent, of the phenol in the mixture to form a soluble alkaline phenolate. The exact percentage of caustic is not vital so long as an excess is not added.

1,256,306 (Feb. 12, 1918; appl. Apr. 27, 1917). SECTIONAL CEDAR CHEST. James A. Glanton, Columbus, Ind. - The principal object of the invention is to construct cedar chests having a plurality of compartments or trays arranged so that they may be opened independently of each other instead of having to be lifted out of the chest or raised on hinges.

1,265,957 (May 14, 1918; appl. Oct. 9, 1916). DISINFECTANT-PAD. Isidore Ressler, Detroit, Mich. - A disinfecting tablet or pad is described whereby a disinfectant may be readily placed at any desired point in a sick ward, school room, public meeting hall or the like and furnish a continuous supply of disinfectant by evaporation or vaporization.

1,298,257 (Mar. 25, 1919; appl. Jan. 25, 1918). GARMENT-BAG. Silas C. Rand, Chicago, Ill. - A moth and dust excluding garment bag is described.

1,295,480 (Feb. 25, 1919; appl. July 19, 1918). MOTH AND VERMIN PROOF GARMENT-HANGER. George W. Grant, Lockport, N. Y. - This garment hanger is stamped from laminated sheet material some layers of which are anti-moth or vermin proof.

1,316,919 (Sept. 23, 1919; appl. Dec. 7, 1916). CLOTHES-RECEPTACLE. Charles R. Normandy, Washington, D. C. - Standard Moth Bag Company, Washington, D. C. - A closure which is proof against dust, insects and the like is described for use on a clothes receptacle of the type described in U. S. patent 1,082,858.

1,319,529 (Oct. 21, 1919; appl. July 24, 1919). GARMENT-BAG. Thomas Manahan, New York, N. Y. - An air tight and vermin proof garment bag is described.

1,335,920 (Apr. 6, 1920; appl. Feb. 23, 1917). DUST-PROOF AND MOTH-PROOF WARDROBE. James Rockett, Cleveland, Ohio. - A wardrobe or cabinet is described which is dust proof and air tight and consequently moth proof, thereby providing a safe place for the storage of furs, clothes, hats, blankets, etc.

1,344,318 (June 22, 1920; appl. Aug. 18, 1919). SUPPORT FOR MOTH-REPELLENT HOLDERS. John Q. Slye and Samuel H. Bishop, Washington, D. C. - This moth-repellent holder is suited for use in connection with pianos and similar musical instruments to prevent the propagation of moths and like insects in the piano.

1,358,928 (Nov. 16, 1920; appl. Aug. 7, 1919). DEVICE FOR EVAPORATING VOLATILE LIQUIDS. Walter M. Boehm, Highland Park, Pa. - A device by means of which a liquid such as a disinfectant, deodorant or germicide may be readily evaporated at a desired rate and diffused into the air, is described.

1,363,726 (Dec. 28, 1920; appl. May 11, 1920). GARMENT-BAG. Zigmint Gadomski, Jersey City, N. J. - A garment bag which excludes the entry of moisture and dust, as well as moths, is described.

1,368,861 (Feb. 15, 1921; appl. Feb. 14, 1920). CONTAINER FOR CEDAR SHAVINGS. John E. Tracy, Orlando, Fla. - This container for cedar shavings is small enough to permit of its being placed in a trunk or other closed receptacle for preventing moths from attacking the clothes.

1,407,788 (Feb. 28, 1922; appl. Mar. 7, 1916; renewed Aug. 30, 1921). CAMPHOR HOLDER FOR PIANOS. John De Carlo, Brooklyn, N. Y. - This device can be attached to the backboard of an upright piano, and when in place the fumes from the camphor will protect the felt from moths.

1,430,997 (Oct. 3, 1922; appl. June 6, 1922). FURNITURE ATTACHMENT. John P. Korn, Lancaster, Pa. - This invention relates to upholstered furniture, and provides an insecticide holder supported in the framework of such devices to prevent insects from attacking the upholstery.

1,452,644 (Apr. 24, 1923; appl. Dec. 12, 1921). GARMENT BAG. Frederick W. Kennedy, Shelbyville, Ind. - A side-opening garment bag with dust proof and air tight closure protects clothing or garments against dirt, moths and the like.

1,454,334 (May 8, 1923; appl. Jan. 11, 1921). GARMENT HANGER. Norman C. Parker, Chicago, Ill. - This garment hanger is provided with a bag of fibrous material to protect against moths, dust, etc.

1,456,610 (May 29, 1923; appl. Sept. 24, 1921). HANGER FOR MOTH-PROOF BAGS. George Rottman, New York, N. Y. - An improved attaching means for the hooks of moth-proof bags is described.

1,461,049 (July 10, 1923; appl. Oct. 9, 1920; renewed May 7, 1923). DUSTPROOF AND MOTHPROOF BAG. George Rottman, New York, N. Y. - Roseth Corporation, Brooklyn, N. Y. - The object of this invention is to produce a bag which can be readily collapsed and which has a definite box-like structure or shape when it is used.

1,463,002 (July 24, 1923; appl. Dec. 20, 1922). MOTHPROOF BAG. Barnet Bernstein, Gloucester, Mass. - A mothproof bag of inexpensive construction is described.

1,467,268 (Sept. 4, 1923; appl. Mar. 15, 1922). MOTHPROOF CHEST. William C. Deiss, Brooklyn, N. Y. - This device includes a bag, and a collapsible box fitting within the bag which is adapted to collapse with the box.

1,475,410 (Nov. 27, 1923; appl. June 2, 1921). CLOTHES BAG. Berton I. Rike, Dayton, Ohio. - Rike Folding Box Company, Dayton, Ohio. A foldable clothes bag that can be sealed to prevent the entrance of moth or dirt is described.

1,478,208 (Dec. 18, 1923; appl. Mar. 19, 1923). MOTH DESTROYING AND REPELLING DEVICE. William J. Duddleson and Clinton L. Slusher, San Luis Obispo, Calif. - A device comprising a fabric and flexible casing, a filler (sawdust) within the casing holding large quantities of oils of cedar, and a thin coating (paraffin) about the casing for allowing the vapors from the oils of cedar to pass therethrough but regulating the rate of volatilization is described. This is particularly designed for combating the carpet moth known as Trichophago tapetzella Linnaeus.

1,479,704 (Jan. 1, 1924; appl. Mar. 7, 1923). MOTH PROTECTING AND DESTROYING DEVICE. William J. Duddleson, San Luis Obispo, Calif. - It is an object of the present invention to provide devices, in the form of blocks, units, or the like, which carry practically uniform quantities of oils of cedar and which are so constructed as to give off volatile oils at a practically predetermined percentage for a predetermined length of time; thus insuring, to the certainty, effective use of the cedar oils for the extermination and repelling of moths in enclosures of different sizes by utilizing one or more of the units.

1,483,793 (Feb. 12, 1924; appl. Apr. 17, 1922). CLOTHES PROTECTOR. William S. Ferdon, Omaha, Nebr. - A garment bag which is vermin, air, and water proof is made of a fabric inner skin and an outer rubber skin. The inner skin can be impregnated with an insecticide (e.g. camphor) and some anti-vermin substance is preferably incorporated with the rubber skin.

1,484,510 (Feb. 19, 1924; appl. July 10, 1923). MOTH-BALL HOLDER. Robert J. Levers, New York, N. Y. - A holder for moth balls consists of a single length of wire bent in helical form so as to provide an elongated tubular body.

1,491,407 (Apr. 22, 1924; appl. Apr. 13, 1921). MOTH-BALL BAG OR CONTAINER. Abraham I. Jordan, New York, N. Y. - A bag for holding moth balls is described.

1,496,326 (June 3, 1924; appl. Oct. 1, 1923). AIR PURIFIER. Eugen Schulte, Jamaica, N. Y. - A holder for deodorants is described.

1,498,811 (June 24, 1924; appl. Sept. 5, 1922). BAG. George Rottman, New York, N. Y. - A moth-proof and dust-proof bag for clothes and garments is described.

1,503,460 (July 29, 1924; appl. Dec. 17, 1923). PROTECTIVE ENVELOPE FOR GARMENTS. Maurice D. K. Bremner, Chicago, Ill. - A fabric bag designed to protect garments from moths and other insects is described.

1,504,382 (Aug. 12, 1924; appl. May 29, 1923). DIFFUSING APPLIANCE. George J. Riley, Manly, Iowa. - One-fourth to Ernest J. Peterson, Manly,

Iowa, one-fourth to William I. Keller, Stillwater, Minn., and one-fourth to Edward C. Reindl, Manly, Iowa. - This device holds a supply of sterilizing or medicating medium and is adapted to be employed as a mandrel or roll for paper or the like, particularly for toilet paper.

1,506,566 (Aug. 26, 1924; appl. Sept. 18, 1922). REMOVABLE LINING FOR CLOSETS. William R. Coffee, Brooklyn, N. Y. - A removable lining for closets designed to protect garments from insects, such as moths, is described.

1,506,659 (Aug. 26, 1924; appl. Nov. 17, 1923). DISTRIBUTOR-CONTAINER FOR HOLDING AND DIFFUSING DISINFECTANTS, DEODORANTS, AND THE LIKE. Patrick S. O'Donnell, London, England. - This device comprises an impervious receptacle or receptacles of thin metal or other suitable material which when required, may be punctured, a charge of some volatile disinfecting or deodorizing agent or compound within said receptacle or receptacles and an outer wrapper of unsized paper or other absorbent material forming a protector to the receptacle or receptacles in the first place, and a diffuser for the contents when the container is fractured or punctured.

1,514,344 (Nov. 4, 1924; appl. Dec. 21, 1922). CEDAR CHEST. Edward Roos, River Forest, Ill. - This cedar chest is constructed for effectually preventing the escape of vapors emitted from the cedar walls of the chest so that the beneficial properties of the cedar may be preserved.

1,515,600 (Nov. 18, 1924; appl. Dec. 8, 1922). GARMENT SUPPORT. Joseph Kornas, Linden, N. J. - A garment support or coat hanger of a hollow type is constructed to contain moth balls or other material destructive to vermin.

1,532,046 (Mar. 31, 1925; appl. Sept. 13, 1923). MOTHPROOF BAG. William C. Deiss, Brooklyn, N. Y. - White Tar Co., New York, N. Y. - A cardboard-reinforced mothproof garment bag is described.

1,542,420 (June 16, 1925; appl. May 1, 1924). GARMENT BAG. Abraham Stone, Brooklyn, N. Y. - A supporting hanger for a mothproof garment bag is described.

1,552,082 (Sept. 1, 1925; appl. Oct. 14, 1924). DIFFUSING APPLIANCE. George J. Riley, Manly, Iowa. - One-fourth to William I. Keller, Minneapolis, Minn., one-eighth to Edward C. Reindl and one-eighth to M. J. Mullin, both of Manly, Iowa, and one-eighth to Frank J. Heda, Le Roy, Minn. - A device adapted to contain a supply of sterilizing or deodorizing medium is adapted to be employed as a mandrel or roll for toilet paper, paper towels and the like.

1,558,653 (Oct. 27, 1925; appl. Nov. 12, 1923). WARDROBE BAG. Arthur H. Treulieb, Amsterdam, N. Y. - A wardrobe bag adapted to support and protect garments from dust, moths and the like is described.

1,576,262 (Mar. 9, 1926; appl. Dec. 26, 1924). INSECTICIDE CONTAINER FOR UPHOLSTERED FURNITURE. Albert M. Bank, Jersey City, N. J. - A verminrepellent holder may be applied to an article of furniture either during or after the construction of the latter and is assembled within the furniture in such a way as to permit ready access for the purpose of supplying the proper vermifuge or insecticide.

1,577,240 (Mar. 16, 1926; appl. Jan. 29, 1925). PROCESS OF AND APPARATUS FOR THE TREATMENT OF TOW. James E. Lappen, Crookston, Minn. - A process of and apparatus for the treatment of tow and other fibrous materials with a germicide or insect-destroying fluid, such as sulfur dioxide vapors, is described.

1,581,535 (Apr. 20, 1926; appl. July 17, 1925). RUG BAG. Gertrude V. G. Granger, Savannah, Ga. - A mothproof bag for storing rugs is described.

1,526,599 (Feb. 17, 1925; appl. Mar. 11, 1924). MOTHPROOF CABINET. Alice Hewett, Wakonda, S. Dak. - A cabinet for wearing apparel is so constructed that moths or other insects cannot enter.

1,591,902 (July 6, 1926; appl. Oct. 21, 1922). MOTHPROOFING MATERIAL. Isaac J. Weinberg, Chicago, Ill. - Mothproofing material is made in strip form to be placed in upholstery or attached to borders of rugs or otherwise put in places where moths are likely to gather. The invention is exemplified in a strip comprising a core of jute or hemp cord or the like and a tubular braided covering or jacket around the core. The core is treated with a suitable moth-destroying material such as a mixture of tar and wax. In use, it has been found that the moths will bore through the outer covering and consume the insecticide in the core, and in doing so, will lay their eggs in the covering. The jacket is treated with a moth-destroying compound, such as a mixture of 93 percent water, 3 percent carbolic acid and 4 percent tincture of quassia.

1,594,632 (Aug. 3, 1926; appl. July 3, 1925). METHOD OF MOTHPROOFING. Joseph H. Ross, New York, and Milton J. Ross, Rockville Center, N. Y. - Isidore B. Ross, New York, N. Y. - A method of mothproofing textiles, consists in softening and expanding the fibres of the textile with steam laden with a volatile benzene derivative, such as benzaldehyde, including phenol, in the proportion of about 5 per cent of the first and 1/2 per cent to 1 per cent of the second, volatilized by the steam, thereby to intimately incorporate the agent with the fibres of the textile.

1,592,305 (Sept. 7, 1926; appl. June 17, 1925). MOTH DESTROYER. William G. Wagner, Sioux Falls, S. Dak. - A clothes hanger having a foraminous body and an open top for the insertion of an insect destroying powder is described.

1,604,927 (Oct. 26, 1926; appl. June 5, 1926). MOTH-BALL HOLDER. Carl March, Chicago, Ill. - A holder and hanger for moth balls, comprises a series of pockets in which the balls are held, the pockets being open but of such form that the balls will be retained, and the ingredients thereof will be allowed to evaporate for producing the required

effect when the device is packed with clothing or other articles, and when used in a closet or bureau drawer, or elsewhere.

1,606,540 (Nov. 9, 1926; appl. June 12, 1926). GARMENT BAG. Abraham Stone, Brooklyn, N. Y. - Roseth Corporation, Brooklyn, N. Y. - A side-opening garment bag which is dust-proof and moth-proof is described.

1,609,428 (Dec. 7, 1926; appl. Jan. 26, 1925). CLOTHING RECEPTACLE. Herman Ringel, Newark, N. J. - Converters Paper Company, Newark, N. J. - An insect, dust and light-proof garment bag of paper or fiber is described.

1,610,966 (Dec. 14, 1926; appl. Dec. 6, 1924). GARMENT BAG. Berton I. Rike, Dayton, Ohio. - Rike Folding Box Company, Dayton, Ohio. - A moth- and dust-proof garment bag is described.

1,610,967 (Dec. 14, 1926; appl. Jan. 26, 1925). GARMENT BAG. Herman Ringel, Newark, N. J. - Converters Paper Company, Newark, N. J. - This bag is made of strong fibrous material impervious to light, air, dust or vermin, to afford adequate protection to articles deposited therein.

1,611,119 (Dec. 14, 1926; appl. Sept. 24, 1926). TEXTILE-MOUNTED CAMPHOR BALL. Clarence Lipper, Philadelphia, Pa. - Lipper Manufacturing Co. Inc., Philadelphia, Pa. - An open mesh tubular textile covering for camphor balls is adapted to be suspended in closets, chests or the like.

1,611,584 (Dec. 21, 1926; appl. Sept. 22, 1924). GARMENT BAG. Edward Forkash and David Rosenthal, New York, N. Y. - Herman Ringel, Newark, N. J. - A moth- and dust-proof, side-opening, paper garment bag is described.

1,615,748 (Jan. 25, 1927; appl. May 12, 1926). GARMENT HANGER. Ernest Fischer, Chicago, Ill. - One-half to Charles Cikanek, Chicago, Ill. - This hanger is provided with a receptacle for moth balls.

1,619,529 (Mar. 1, 1927; appl. July 8, 1926; in Germany Mar. 17, 1926). BOX FOR STORING FURS. Hans Muller, Munich, Germany. - A moth-proof box for storing furs is described.

1,620,587 (Mar. 8, 1927; appl. Apr. 25, 1925). PLASTER COMPOSITION. Aubrey C. Williamson, New Orleans, La. - Thirty-six percent to Charles E. Smith and twenty-four percent to James K. Baylert, New Orleans, La. - This plaster is adapted for use in attics, clothes or wardrobe closets, pantries, store rooms, vaults, warehouses, etc., or any other rooms used for receiving or storing clothing, fur, rugs, and similar articles apt to be damaged by insects or vermin such as moths or dermestidae. The following formula may be employed: aromatic cedar dust 64 percent, gypsum hard wall plaster 33 percent, pure red oxide (or other color) 2 percent, creosote of wood tar 0.25 percent, cedar leaf oil 0.10 percent.

1,622,323 (Mar. 29, 1927; appl. Sept. 28, 1926). MOTHPROOF BAG. Mary E. Kuik, Racine, Wis. - An insect- and dust-proof garment bag is described.

1,630,837 (May 31, 1927; appl. Feb. 25, 1926). CONTAINER FOR DISSIPATING A FUMIGANT. William A. Drushel, Grand Rapids, Mich. - Haskellite Manufacturing Corporation. - A container for a liquid fumigant to be used for fumigating fabrics, furs, etc., in a closed chamber to protect them from moths or other insects is described.

1,640,026 (Aug. 23, 1927; appl. Oct. 12, 1926). FUMIGATOR. John O. Hurt, Memphis, Tenn. - This device is provided with a number of pockets or cavities, each adapted to contain a fumigating material, preferably different. A rotatable plate provided with openings regulates the fumes discharged from these pockets.

1,640,272 (Aug. 23, 1927; appl. June 1, 1926). EVAPORABLE DEVICE. Walter E. Gotham, Elizabeth, N. J. - This invention consists of some medium, such as a sheet or sheets of paper, cardboard, wood, fabric, metal, or other material in any form or shape, wholly covered and enclosed, by dipping, saturating, pressing, molding, cementing, or otherwise with a volatile or semivolatile chemical or mixture of a vermin destroying, germicidal, deodorizing, scenting, or insect repelling nature, and/or for medicinal use and purpose.

1,648,657 (Nov. 8, 1927; appl. July 26, 1924). MOTH BAG. Hugo Mock, New York, N. Y. - In combination with a moth bag is a holder on the inside of the bag near the mouth thereof, a hermetically sealed vial containing a moth-killing fluid in said holder, and means for releasing said fluid when the bag is closed by pressure on the mouth of the bag.

1,652,798 (Dec. 13, 1927; appl. July 23, 1926). GARMENT BAG. Herman Ringel, Newark, N. J. - Converters Paper Company, Newark, N. J. - A mothproof paper garment bag is described.

1,658,596 (Feb. 7, 1928; appl. Feb. 5, 1925). INSECTICIDE HOLDER. Sadie D. Goldfish, Marietta, Ohio. - A bag of closely woven fabric for articles to be protected from moths has on the inner face pockets of loosely woven material to contain moth balls.

1,661,644 (Mar. 6, 1928; appl. Apr. 27, 1927). GARMENT BAG. David Warren, Roxbury, Mass. - A closure for mothproof garment bags is described.

1,661,645 (Mar. 6, 1928; appl. Apr. 27, 1927). GARMENT BAG. David Warren, Roxbury, Mass. - A closure for mothproof garment bags is described.

1,662,738 (Mar. 13, 1928; appl. Sept. 3, 1927). SANITARY DEVICE FOR REPELLING MOSQUITOES AND OTHER INSECTS. Charles P. Coogle, Greenwood, Miss. - The United States government and people of the United States. - A wire screen device may contain chemicals repellent to mosquitoes, flies, fleas, moths, etc. It is suitable to hang in chimneys, windows,

closets and other places inhabited by mosquitoes or through which mosquitoes and other insects may gain entrance into homes and other structures.

1,663,646 (Mar. 27, 1928; appl. Nov. 4, 1926). GARMENT HANGER. Rubin Bass, Brooklyn, N. Y. - A garment hanger comprises a plurality of longitudinally extending strips forming a track-way for moth balls.

1,671,775 (May 29, 1928; appl. Mar. 3, 1927). PAPER BAG. Joseph W. C. Meikle, Baltimore, Md. - Three-fourths to William J. Soper, Baltimore, Md. - This bag is intended for the use of bakers who deliver their products (bread, rolls, buns, etc.) to the consumer's home in the early morning while the servants or members of the household are still asleep. It is adapted to be hung on a door knob and to prevent the entrance of ants, bugs, rats, dust, dirt, water, etc.

1,679,828 (Aug. 7, 1928; appl. Oct. 11, 1926). GARMENT BAG. Samuel J. Johnson, Cincinnati, Ohio. - Seinsheimer Paper Company, Cincinnati, Ohio. - A moth- and dirtproof garment bag is described.

1,681,923 (Aug. 28, 1928; appl. Feb. 12, 1926). GARMENT BAG. William E. Collins, Beverly Hills, Calif. - This garment bag is provided with a dust and moth-proof closure.

1,683,792 (Sept. 11, 1928; appl. May 26, 1926). CONTAINER FOR DISINFECTANTS. Robert E. Hauburg, Winchester, Mass. - This helical wire holder for "moth balls" of naphthalene, camphor, etc., is adapted to be attached to a garment hanger or hook.

1,695,661 (Dec. 18, 1928; appl. Mar. 1, 1927). GARMENT BAG. Henry C. Montague, Washington, D. C. - A flexible moth-, dust- and dirtproof garment bag is described.

1,706,444 (Mar. 26, 1929; appl. Sept. 16, 1927). VENTILATED NONREFILLABLE CONTAINER. Harry W. Dietrich, Noblesville, Ind. - J. I. Holcomb Manufacturing Co., Indianapolis, Ind. - A container for a disinfectant of the solid type, such as paradichlorobenzol, which is not readily removable from its support, which is not refillable and which is arranged to be readily adjustable to proper distribution of the disinfectant is described.

1,709,795 (Apr. 16, 1929; appl. May 9, 1925; in Great Britain June 17, 1924). BAG OR RECEPTACLE FOR STORING AND PRESERVING FURS, ARTICLES OF WEARING APPAREL OR THE LIKE. - Maurice Krontz, London, England. - This bag or receptacle for storing and preserving furs, articles of wearing apparel or the like provides a container in which articles may be stored or protected from moths or other insects, damp or injurious climatic conditions.

1,718,585 (June 25, 1929; appl. Apr. 27, 1928). FURNITURE CONSTRUCTION. Edward Roos, Forest Park, Ill. - An object of this invention is to provide a means for increasing the general surface of red cedar heartwood which is finally formed into cedar chests, clothes closets, or the like, whereby a greater amount of cedar oil fumes may pass therefrom.

1,719,940 (July 9, 1929; appl. Aug. 15, 1928). FUMIGATED FURNITURE. Luther D. Lichty, New York, N. Y. - John G. Noll, Leonia, N. J. - Automatically acting means for thoroughly disseminating the fumes of an insecticide throughout the upholstered portions of articles of furniture is described.

1,724,781 (Aug. 13, 1929; appl. Aug. 9, 1927). ALL-CEDAR MOTH CHASER. John I. Shindel, West Lancaster, Pa. - This receptacle of cedar wood contains cedar leaves, small particles of cedar and strips or blocks of cedar, and is provided with vents to permit the escape of fumes. It is intended for use in pianos, clothes closets, dressers and other places liable to be infested by moths.

1,732,028 (Oct. 15, 1929; appl. Sept. 24, 1927; renewed Mar. 12, 1929). INSECT REPELLENT. Harry H. Reiner, New York, N. Y. - Reiner Products, Inc., New York, N. Y. - This device is adapted to contain a quantity of diffusible liquid emitting vapors obnoxious and repelling to insects, such as flies, mosquitoes, or the like.

1,740,643 (Dec. 24, 1929; appl. Dec. 24, 1927). GARMENT HOLDER. Rubin Bass, Brooklyn, N. Y. - A hanger for carrying moth balls, or other similar means for fumigating, keeping out insects, or otherwise subjecting a coat or other garment to the action of vapors, odors or fumes is described.

1,741,068 (Dec. 24, 1929; appl. Oct. 27, 1927). MOTH ELIMINATOR. Willard Newsom, Montgomery, Ala. - A folding or collapsible device adapted to be suspended between garments is composed of moth-repelling material such as cedar wood.

1,743,827 (Jan. 14, 1930; appl. May 16, 1928). INSECTICIDE CONTAINER. Jerry Marcogliano, Brooklyn, N. Y. - A container for insecticide or disinfectant material adapted for use in connection with upholstered furniture as a protection therefor against the ravages of moths and other insects is described.

1,751,257 (Mar. 18, 1930; appl. Jan. 12, 1927). HOLDER FOR DISINFECTANTS, DEODORANTS, AND THE LIKE. Julius C. Vellebuono, Atlanta, Ga. - Fifty per cent to Leo Loeb, New York, N. Y. - This holder for disinfectants, deodorants, etc., is provided with a removable receptacle to catch any oil which drips out.

1,752,232 (Mar. 25, 1930; appl. Feb. 23, 1929). CEDAR PLASTER. Edwin D. Coddington, Milwaukee, and Ernest A. Kerler, West Allis, Wis., Roe R. Black, Pittsfield, Mass., and Harvey S. Owen, Milwaukee, Wis. - E. D. Coddington Manufacturing Company, North Milwaukee, Wis. - A wall plaster composition comprises plaster forming material and, in combination therewith, volatile aromatic cedar matter present in proportion by weight at least equal to the proportion of volatile aromatic oil normally present in genuine cedar wood, effecting prolonged emission of a characterizing and predominating readily perceptible aroma of cedar from the solidified plaster after application and solidification upon the wall.

1,753,544 (Apr. 8, 1930; appl. Nov. 2, 1928). CEDARIZING DEVICE. Carey C. Winchester, Brookhaven, Ga. - National Cedarchex Corporation, Fulton County, Ga. - This invention provides means for imparting to a liquid the aroma of cedar and effecting the continuous automatic discharge of such mixture into the surrounding atmosphere to prevent and destroy moth and other insect infestation.

1,757,530 (May 6, 1920; Sept. 19, 1923). CHEMICAL CONTAINER. Melville Keim, Chicago, Ill. - Apex Products Corporation, Chicago, Ill. - This container for chemical compounds for insecticidal and deodorizing purposes is provided, for shipping and display purposes, with a moisture-proof and air proof wrapper for the compound, which is readily removed for use.

1,758,347 (May 13, 1930; appl. Apr. 15, 1927). CONTAINER FOR MOTH BALLS. Morris Beibin, Brooklyn, N. Y. - One-half to Samuel Beibin, Brooklyn, N. Y. - A flat sack of netting to contain mothballs is adapted to be placed between clothes and articles of apparel.

1,760,598 (May 27, 1930; appl. Feb. 21, 1928). INSECTICIDE CONTAINER. John P. Horn, Lancaster, Pa. - A container carrying an insecticide is designed primarily as a vermin repelling means for use in connection with upholstered furniture.

1,765,461 (June 24, 1930; appl. Mar. 13, 1929). GARMENT HANGER. Philip Sinitzer, Brooklyn, N. Y. - A garment hanger with a moth ball carrier which may be readily loaded and unloaded is described.

1,767,466 (June 24, 1930; appl. Sept. 11, 1926). GARMENT BAG. Jacob H. LeMontree, Cincinnati, Ohio. - Le Montree Manufacturing Company, Cincinnati, Ohio. - A side opening bag, having a closure which will secure garments held within it from moths, dirt, dust or moisture, is described.

1,769,409 (July 1, 1930; appl. May 11, 1928). VERMIN REPELLENT. Charles L. Armstrong, Houston, Texas. - This device embodies a flat sheet of absorbent material, completely coated with and enclosed by an enveloping coat containing a substance which is repellent to moths and similar vermin.

1,769,589 (July 1, 1930; appl. May 23, 1928). INSECTICIDE HOLDER. Jerry Mercogliano, Brooklyn, N. Y. - A holder for moth balls is adapted for insertion through the framework of articles of furniture with the object of protecting them against damage by moths and other destructive agents.

1,769,595 (July 1, 1930; appl. May 17, 1928; divided and filed Dec. 22, 1928). FURNITURE FRAME. Jerry Mercogliano, Brooklyn, N. Y. - This invention provides in the frame of a chair or other similar article of furniture, means for holding a supply of insecticide material, said material being accessible and removable at will.

1,771,960 (July 29, 1930; appl. Apr. 13, 1928). INSECTICIDE CONTAINER. John P. Horn, Lancaster, Pa. - An insecticide container is designed primarily as a vermin repelling means for use in connection with upholstered furniture.

1,774,906 (Sept. 2, 1930; appl. May 16, 1927; divided and filed June 30, 1928). METHOD OF MAKING GARMENT BAGS. Abraham Stone and Max Frost, Brooklyn, N. Y. - A side-opening, moth proof, paper garment bag is described.

1,778,236 (Oct. 14, 1930; appl. Nov. 16, 1928). STORAGE RECEPTACLE. Ernest Trautman, Lakewood, and Paul Fetzger, Cleveland, Ohio. - A moth and dust proof receptacle of corrugated cardboard for the storage of fabrics, etc., is described.

1,780,407 (Nov. 4, 1930; appl. Jan. 24, 1929). INSECT REPELLER. Walter E. Smith, Daytona Beach, Fla. - A device which can be readily worn by a person and which will be effective in repelling attacks by mosquitoes, flies and other insect pests is preferably in the form of a band adapted to be worn around one's ankle or arm or possibly around one's neck and it is provided with one or more containers to hold some insecticide or insect-repelling ingredient.

1,780,408 (Nov. 4, 1930; appl. Jan. 31, 1929). INSECT REPELLER. Walter E. Smith, Daytona Beach, Fla. - A device which can be inconspicuously worn on different parts of one's clothing and which will be effective in repelling the attacks of mosquitoes and other insects, comprises a container which is adapted to hold an insecticide or an insectifuge either in solid or liquid form and which is provided with a pin, clasp or some other similar means for attaching it to some part of the clothing.

1,782,919 (Nov. 25, 1930; appl. Aug. 31, 1928). DISINFECTING CONTAINER. Abram L. Feldman, Atlanta, Ga. - A dispensing device formed from a one-piece blank of pasteboard or the like for dispensing a disinfecting and deodorant substance to the surrounding atmosphere and adapted to be discarded when the initial contents have become exhausted, is described.

1,791,021 (Feb. 3, 1931; Jan. 16, 1930). GARMENT HANGER. Charles G. Bauer, Brooklyn, N. Y. - Julius Kaplan, Brooklyn, N. Y. - A garment hanger provides means for retaining moth balls and other disinfectants.

1,803,238 (Apr. 28, 1931; appl. Aug. 17, 1928). INSECTICIDE AND DEODORIZING TABLET. Francis J. Curran, Chicago, Ill. - The invention relates to an insecticide and deodorizing tablet of the kind that is hung on the wall of a clothes closet and particularly to one so constructed that evaporation of the deodorant takes place uniformly throughout its entire surface, thus lengthening the usefulness of such an article.

1,805,877 (May 19, 1931; appl. July 29, 1929). CLOTHES BAG. Abraham J. Lichtig, Oakland, Calif. - This invention provides a clothes bag of flexible material wherein the top of said bag is reinforced on the interior thereof with a rigid board formed of an aromatic fumigant material, e.g. cedarwood, and the bottom of said bag carries a box constructed of the same material for containing small articles of clothing,

the nature of said material being such as to render said moth proof, and in which a manually operated device is provided for scratching the surface of said material, thereby rendering the same more moth proof.

1,814,471 (July 14, 1931; appl. Sept. 29, 1930). ART OF MAKING VERMIN DESTROYING MATERIAL. William E. Grove, Chambersburg, P. - True bands for the destruction of the larvae of the codling moth are prepared by saturating single-faced corrugated board with a hot solution, e. g. 1 part of beta-naphthol in 6 parts of low grade lubricating oil, at a temperature of about 125° C.

1,818,684 (Aug. 11, 1931; appl. Sept. 20, 1930). VAPORIZING DEVICE. Irving Blechman, New York, N. Y. - This device discharges a volatile liquid to a surface exposed to the air. It may be employed in closets to impregnate the air with insecticide fumes to kill or destroy moths or other insects.

1,825,144 (Sept. 29, 1931; appl. July 1, 1929). MOTH KILLER HYGIENIC GARMENT PROTECTOR. Bernard S. Donovan, Denver, Colo. - The National Chemical Products Company, Denver, Colo. - A mothproof container is provided with a receptacle located on the inside of the bag and has a covered opening accessible from the outside of the bag. That portion of the receptacle within the bag is perforated and is adapted to contain a larva destroying chemical or insecticide whose fumes will pass through the perforations and permeate the material stored within the bag so as to kill the moth larvae if any should develop.

1,828,535 (Oct. 20, 1931; appl. Apr. 2, 1931). PORTABLE DISPLAY STAND. Julius Kass, New York, N. Y. - A display stand for clothing is provided with receptacles for an insecticide such as moth balls.

1,829,854 (Nov. 3, 1931; appl. May 25, 1930). MOTHKILLER HYGIENIC GARMENT PROTECTOR. Bernard S. Donovan, Los Angeles, Calif. - The front side of a bag or container is provided with a transparent window through which the contents may be seen and the rear side is provided with an opening about which is secured a perforated receptacle that is adapted to contain a chemical whose odors will kill moths and similar larvae.

1,831,654 (Nov. 10, 1931; appl. Mar. 17, 1930). INSECTIFUGE HOLDER. James L. Cross, Milwaukee, Wis. - This holder is designed for holding an insectifuge of the moth-preventive type, such as essential oils of cedar.

1,831,677 (Nov. 10, 1931; appl. May 1, 1929). MOTH BALL HOLDER. Carl March, Chicago, Ill. - A tubular device of fabric, leather or the like, provided with compartments for holding moth balls is adapted to be placed between garments or suspended in closed containers, attached to curtains and doors or to moth bags of commercial type.

1,832,715 (Nov. 17, 1931; appl. Aug. 5, 1930). GARMENT BAG. David London, Baltimore, Md. - A moth proof and dust proof, foldable wardrobe bag with a side opening and slide fastener is described.

1,834,738 (Dec. 1, 1931; appl. Oct. 30, 1929). MOTH PREVENTIVE AND DEODORIZER. Eugene J. Reefer, New York, N. Y. - A solidified, molded article of cone, ball, or cube shape and made of suitable material for moth prevention and at the same time serving as a deodorizer is described.

1,838,221 (Dec. 29, 1931; appl. Aug. 28, 1930). FUMIGATOR. John Glover, Chicago, Ill. - Midway Chemical Co., Chicago, Ill. - This invention provides a device in which the fumigating liquid may be contained in a bottle or other standard container which, when empty, may be readily replaced without disturbing the remainder of the device.

1,842,905 (Jan. 26, 1932; appl. June 29, 1929). CONTAINER FOR CAMPHOR BALLS. Solomon Joseph, Middle Village, N. Y. - A wire mesh container for camphor balls is described.

1,860,231 (May 24, 1932; appl. Mar. 10, 1931). METHOD OF AND DEVICE FOR EXCLUDING MOTHS OR OTHER INSECTS FROM CLOSETS. Elliott R. Carpenter, Cotuit, Mass. - This device comprises a holder for moth balls placed so that the fumes given off seal the crack at the bottom of a closet door to moths.

1,863,511 (June 14, 1932; appl. Oct. 30, 1929). MOTH ERADICATOR. Roscoe C. Travis, Bowling Green, Va. - This moth eradicator provides a container primarily designed for receiving cedar wood in the form of wool with means to retain the fumes from the wood confined within the container until the device is put into use as an eradicator.

1,864,386 (June 21, 1932; appl. Aug. 15, 1929). GARMENT BAG. Bertha Wiesenfeld, New York, N. Y. - This garment bag has an opening in the side and a perforated moth ball container attached at the side opening.

1,875,247 (Aug. 30, 1932; appl. Aug. 1, 1930). CEDAR CHEST. Lawrence K. Loftin, Altavista, Va. - Lane Company, Inc. - A method of construction is described for cedar chests, wardrobes, chifferobes, closets, household furniture, and other receptacles designed for the destroying of the clothes moth larvae found in clothing, furs and similar articles stored in such receptacles.

1,875,773 (Sept. 6, 1932; appl. Mar. 7, 1930). GARMENT BAG. Ralph C. Strout, Wollaston, Mass. - White Tar Company of New Jersey. - A mothproof paper garment bag is described.

1,877,247 (Sept. 13, 1932; appl. Nov. 3, 1931). COAT HANGER. James Malley, Richmond, Va. - This coat hanger is provided with pockets adapted to receive cakes or blocks of a moth killing preparation to insure perfect protection of garments on said hangers or on ordinary hangers positioned in the same closet.

1,879,476 (Sept. 27, 1932; appl. May 16, 1930). CLOTHING BAG. Vernon S. Poulson, Ogden City, Utah. - A moth-, dust- and dirtproof garment bag is described.

1,880,325 (Oct. 4, 1932; appl. Aug. 1, 1930). MOTHPROOF RECEPTACLE. Lawrence K. Loftin, Altavista, Va. - Lane Company, Inc. - A method of construction is described for cedar chests, wardrobes, chiffoniers, closets, household furniture, and other receptacles designed for the destroying of the clothes moth larvae found in clothing, furs and similar articles stored in such receptacles.

1,882,667 (Oct. 18, 1932; appl. Nov. 28, 1930). GARMENT HANGER. Victor J. Marek, Elmhurst, N. Y. - This garment hanger is provided with containers for moth balls.

1,885,919 (Nov. 1, 1932; appl. July 17, 1931). MOTHPROOFING CABINET. Hyman Kliot, Bronx, N. Y. - Kliot Closet Moth Proofer, Inc., New York, N. Y. - A moth proofing cabinet adapted to be installed in a clothes closet is constructed to contain a moth proofing agent preferably of a toxic, volatile nature, which is adapted to exit from the cabinet in the form of gas or vapor, permeate the closet and not only repel moths, but actually kill those present.

1,886,429 (Nov. 8, 1932; appl. May 19, 1930). DEODORANT AND MOTH-PREVENTATIVE. Alvin L. Saeys, St. Louis, Mo. - Pure Co., Inc., St. Louis, Mo. - An artificial rose of papier-mache or the like is repeatedly dipped in fluid naphthalene containing perfume and coloring matter, drying thoroughly after each dipping.

1,890,857 (Dec. 13, 1932; appl. Aug. 1, 1930). MOTHPROOF RECEPTACLE. Lawrence K. Loftin, Altavista, Va. - Lane Company, Inc. - A method of construction is described for cedar chests, wardrobes, chiffoniers, closets, household furniture and other receptacles designed for destroying clothes moth larvae found in clothing, furs and similar articles stored in such receptacles.

1,890,999 (Dec. 13, 1932; appl. Aug. 22, 1929). CEDAR CHEST. Lawrence K. Loftin, Altavista, Va. - Lane Company, Inc. - A method of construction is described for cedar chests, wardrobes, chiffoniers, closets and other receptacles designed for destroying clothes moth larvae found in clothing, furs and similar articles stored in such receptacles.

1,892,530 (Dec. 27, 1932; appl. Nov. 25, 1930). GARMENT HANGER. Loester Kalina, Brooklyn, N. Y. - This hollow garment hanger of sheet metal and wire mesh is adapted to contain moth balls.

1,895,406 (Jan. 24, 1933; appl. Oct. 24, 1931). CLOTHING CONTAINER. Irving Blechman, New York, N. Y. - A container for the storage of clothing to protect the same against attack by moths or other insects, employs a volatile liquid as the insecticide material, and is so constructed that fumes from the said liquid will permeate the clothing chamber but that clothing therein will be protected against direct contact with said liquid.

1,896,829 (Feb. 7, 1933; appl. Dec. 11, 1930). CEDAR CHEST. Edward Roos, River Forest, Ill. - A liner for cedar chests and the like protects the wearing apparel, fabrics and the like, stored in the chest,

from coming in contact with the inner surface of the walls thereof, and at the same time will not materially interfere with the escape of odor or moth repellent vapor escaping from the walls into the interior of the chest.

1,897,573 (Feb. 14, 1933; appl. Sept. 20, 1928). DISINFECTANT AND DEODORIZER. Francis J. Curran, Chicago, Ill. - A disinfecting and deodorizing device, comprises a porous block of balsa wood impregnated with a volatile disinfecting and deodorizing liquid.

1,898,621 (Feb. 21, 1933; appl. June 29, 1931). MOTH REPELLENT. Herman B. Ferguson, Philadelphia, Pa. - A package containing a solid or crystalline material, such as para chloride benzine [sic] or the like, which, in the course of its evaporation, gives off a vapor or gas which is distinctly offensive and destructive to moths and the like is described.

1,900,814 (Mar. 7, 1933; appl. Mar. 14, 1931). STORAGE BAG. Walter P. Holley, Montgomery, Ala. - This vermin proof storage receptacle for clothing is provided with a window through which a garment may be viewed without opening the bag.

1,908,678 (May 16, 1933; appl. Feb. 17, 1931). SANITARY MATTRESS CABINET. Chester A. Eliven, Los Angeles, Calif. - This cabinet effectually protects stored mattresses against the deleterious results of dust, moisture, moths and the like.

1,911,208 (May 30, 1933; appl. June 15, 1932). COMBINATION CLOTHES HANGER AND CAMPHOR HOLDER. Max Roman and Joseph Roman, Brooklyn, N. Y. - A combination clothes hanger and camphor holder is described.

1,912,694 (June 6, 1933; appl. Jan. 25, 1932). MOTH KILLER RECEPTACLE. Bernard S. Donovan, Chicago, Ill. - A cedar chest or a receptacle of any other specific type is provided with means secured to its inner surface for containing some moth killing chemical whose emanations will be able to readily pass into the interior of the receptacle and through the contents thereof, so as to kill any larvae that may be present.

1,914,729 (June 20, 1933; appl. Nov. 23, 1931). CHEST. Edward Roos, River Forest, Ill. - An auxiliary compartment in a cedar chest can be opened without disturbing the rest of the chest, thus preventing the loss of the moth repelling fumes from the chest.

1,921,821 (Aug. 8, 1933; appl. May 6, 1932). INSECT REPELLER. Walter E. Higgins, Waterloo, Iowa. - A container for a liquid repellent with means for fastening it upon a screen door or the like is described, the device having a porous element for receiving and delivering the repellent in vaporous form and evenly through the adjacent atmosphere, to repel such insects as flies or mosquitoes, to a distance which prevents their entry into a building.

1,931,132 (Oct. 17, 1933; appl. June 20, 1930): CONTAINER. Arthur T. Hinckley, Niagara Falls, N. Y. - This receptacle for insecticides and insectifuges, such as paradichlorobenzene, etc., may be placed in a small chamber, e. g. a garbage can, to kill flies, maggots, and other forms of insect life; or in a larger chamber, e. g. a clothes closet, to repel moths and other insects.

1,933,099 (Oct. 31, 1933; appl. Jan. 13, 1933). BUILT-UP CONTAINER. Harry Derman, Laurelton, Long Island, N. Y. - A container or box of cardboard, fiber board, paper, corrugated board, or the like, is provided with a perforated tubular body containing suitable salts or compounds of any volatile, insecticide material to render the container substantially moth proof.

1,935,601 (Nov. 14, 1933; appl. Dec. 15, 1932). FOLDING PAPER CEDAR CHEST. Jacob H. Winter, New York, N. Y. - A folding chest of corrugated paper is provided with a pocket in which cedar chips or other disinfectant can be placed.

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